

WPI

- TI - Thermoplastic resin filter with positive zeta potential - is used to filter out larger positively charged particles from fermentation and dairy prods. etc.
- AB - J58101718 Filter of thermoplastic resin e.g. chlorinated PVC used to remove particles (B) from aq. soln. dispersed with positively charged particles (A) and the particles (B) which have larger particle size than (A) particles. The filter has a positive zeta-potential when filtration is carried out.
- The filter has a long service life, and is used for treating fermentation prods. like wine, dairy prods. such as milk, cream, butter, and cheese, and printing ink. (0/0)
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- PA - (YUAS ) YUASA BATTERY CO LTD
- MC - A12-H04 D03-B D04-A01F D05-E J01-H
- DC - A88 D13 D16 J01
- IC - B01D39/00
- AN - 1984-007518 [02]

PAJ

- TI - FILTER MADE OF THERMOPLASTIC RESIN
- AB - PURPOSE: To reduce the clogging of a filter and to increase the time of filtering service, by making the filter, made of thermoplastic resin containing materials having positive potential and used for separating particles charged with positive electricity and particles larger than the former.
- CONSTITUTION: In a precision filter constituted mainly of, as a base material, a synthetic polymer material used for removing impurities, larger in size than fine particles charged with positive electricity, from an aqueous solution in which said particles are dispersed; the base metal, such as cellulose ester of which potential is negative, is made to contain a material having positive potential to constitute the filter, thereby constructing the filter, by locking the material having positive charge in the inner wall surfaces of filter holes which are smaller in size than particles of impurities and larger than particles having positive electric charges, and preventing a sticking to the filter by repelling the particles having positive charges. As a positive type material, metallic oxides, cellulose anion exchanging material, and cation resin, etc. can be applied.
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